

# SONY

## DSC-H400/B

### Sony High Zoom Point and Shoot Camera

Capture the action up close with the powerful 63x zoom, 20.1MP camera that takes you there. Even shoot on the move thanks to Optical SteadyShot™ that helps minimize blur. Use Easy Mode to simplify the camera's menu functions, plus add fun or dramatic looks with the built-in Picture Effects. It's ready when you are.



### Key Features

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#### Get everything up close with powerful 63x Optical Zoom

Get amazingly close with 63x optical zoom on a professional Carl ZEISS lens. Far off subjects are now in reach with amazing detail with this incredibly powerful zoom.

#### Shoot incredibly smooth video<sup>1</sup> and stills

Shoot incredibly smooth video<sup>1</sup> and still images with Optical SteadyShot™ Image Stabilization with Active mode. This technology works to deliver sharp image quality with low noise and minimal blur even while the user is strolling and the camera is zoomed in.

#### 20.1MP Super HAD CCD sensor for beautifully detailed images

A powerful 20.1 megapixel super HAD CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail.

#### Simplify camera menu with Easy Mode

Put your camera in easy mode to minimize the layers in your menu. This makes your shooting experience easy and enjoyable!

#### Picture Effect for more expressive photos

Picture Effect adds a new level of expression to photos, making ordinary landscapes and portraits come to life by heightening mood and emphasizing certain attributes. Picture Effect can be applied to still images (4 modes), movies (4 modes) and panoramic shots (3 modes), giving photos and movies even greater impact.

#### Sweep Panorama™ mode (up to 360°)

Reach beyond the traditional wide angle lens, and capture more breathtaking shots with Sweep Panorama™ mode. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and up to 360° full circle, the camera can take a variety of panoramic shots. Now capturing wide landscapes is as easy as press and sweep.

#### Smile Shutter™ technology automatically captures smiles

Smile Shutter™ technology captures a smile the moment it happens. Simply press the Smile Shutter™ button and the camera does the rest. You can also select adult and child priority and indicate the degree of Smile Detection sensitivity. Intelligent Scene Recognition can now be used together with Smile Shutter™ mode when the Intelligent Auto mode is on. This means that beautiful smiles can be captured with settings optimized for the particular scene, even in difficult conditions such as twilight and backlighting.

#### Shoot in challenging lighting situations with Party Mode

Shoot in challenging lighting situations with Party Mode. The camera automatically adjusts ISO sensitivity, exposure compensation and saturation to enable easy capturing of bright, vivid party photos.

#### Easy Operation with DSLR-like body & EVF

The DSC-H400 was designed with ease of use in mind. Its ergonomic grip, similar to those on standard single-lens reflex cameras, makes handling the camera easy. The Images are clearly displayed in the viewfinder, with minimal reflection, even when shooting outdoors in bright sunlight.

#### 3.0" (921K dots) Clear Photo™ LCD display

Generous 3.0" (921K dots) Clear Photo™ LCD display features sharp, natural color that makes it easy to compose shots, read menus, and view photos, even in bright sunlight.

## Specifications

Camera	
Camera Type	High Zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" Super HAD CCD Sensor
Processor	Bionz(R)
Pixel Gross	20.4 MP
Effective Picture Resolution	20.1 MP
Color Filter System	RGB primary color mosaic filters
Recording	
Media Type	SD, SDHC and SDXC memory card Memory Stick PRO Duo™/Pro-HG Duo™ media
Still Image Mode	JPEG
Still Image Max Effective Resolution	Approx. 20.1 Megapixels
Still Image Size 16:9	15M(5,152 x 2,896) / 2M(1,920 x 1,080)
Still Image Size 4:3	20M(5,152 x 3,864) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944)
Panorama Still Image Size	Sweep Panorama:360°(11,520x1,080) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)
Video Format	MP4 (AVC / H.264)
Video Mode	1280x720(Fine)(1,280x720/30fps)/1280x720(Standard)(1,280x720/30fps)/ VGA(640x480/30fps)
Microphone/Speaker	Mono / Mono
Still Image File Format	JPEG
Optics/Lens	
Lens Type	Sony Lens
Aperture	f 3.4 - 6.5
Optical Zoom	63x
Focal Length (35mm equivalent)	Still 4:3: 24.5 - 1550mm / Movie 4:3: 29.2 - 1849mm / Still 16:9:27.0 - 1700mm / Movie 16:9:32.1 - 2029mm
Minimum Focus Distance	iAuto:AF(W:Approx.1cm(0.03 ft) to Infinity, T:Approx.350cm(11.48 ft) to Infinity) / Program Auto:AF(W:Approx.1cm(0.03 ft) to Infinity, T:Approx.350cm(11.48 ft) to Infinity)
Viewfinder	
Type	.2" (0.5cm) EVF (201k)
LCD Display	
LCD Type	3.0" Clear Photo™ LCD (460K dots)
Brightness Control	5(Bright) / 4 / 3 / 2 / 1(Dark)
Histogram	Yes
Grid Display	Yes
Focus Control	
AF Modes	Multi Point AF / Center Weighted AF / Spot AF / Tracking Focus / Face Tracking Focus
AF Illuminator	Auto / Off
Exposure System	
Metering Modes	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Soft snap /Portrait / Landscape / Night Portrait / Night Scene / Gourmet / Beach / Snow / Fireworks / Pet mode / Party Mode
D-Range Optimizer	Standard / Plus / Off
ISO	Auto / 80 / 100 / 200 / 400 / 800 /1600 / 3200

White Balance Mode	Auto, Daylight, Cloudy, Fluorescent 1 (White Fluorescent Lighting), Fluorescent 2 (Natural White Fluorescent Lighting), Fluorescent 3 (Day White Fluorescent Lighting), Incandescent, Flash, One Push, One Push Set
Minimum Illumination	Auto:28lux(Shutter Speed 1/30)
ISO Sensitivity (Movie)	Auto:( ISO100-ISO 800 Level )
Drive System	
Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto(2 - 1/2000) / Program Auto(1 - 1/2000) / Manual(30 - 1/2000)
Burst Mode	Approx.0.71 fps (100 shots)
Flash	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
Flash Coverage	ISO Auto: Approx.0.4m to 8.8m(1.3 ft to 28.8ft)(W) / Approx.3.5m to 4.6m(11.4 ft to 15.0ft)(T) / ISO3200: up to Approx. 12.4m(40.6 ft)(W) /Approx. 6.5m(21.3 ft)(T)
Convenience Features	
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder, Protect: Single / Select / Date / Folder
Power Save Mode	Standard / Max / Off
Advanced Features	
Sweep Panorama	Sweep Panorama (360)
Face Detection	8 faces
Smile Shutter™ technology	Yes
Image Stabilization	Optical SteadyShot™ Image Stabilization with Intelligent Active Mode
Intelligent Auto	Yes
Tracking Focus	Off / Auto
Interface	
Memory Card Slot	MS Duo and SD/SDHC compatible
SD Output	Composite
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)
Tripod Mount	Yes
Weights and Measurements	
Dimensions (Approx.)	W x H x D: 5 1/8" x 3 3/4" x 4 7/8" (129.6mm x 95.0mm x 122.3mm)
Weight(Approx) (Main unit only)	Approx 11b 6.2oz (628g)
Power	
Battery Type	NP-BX1
Number of Still Images	Approx. 300 / Approx. 150min
Power Consumption (in Operation)	Approx.1.5W
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
Software	
Supplied Software	Supplied Software: PlayMemories Home
Operating System Compatibility	supported, Windows Image Mastering API(IMAPI) Ver.2.0 or later is required to use the function for creating discs.) Windows Vista®SP2 (Starter Edition is not supported) Windows®7 SP1; Windows®8; Mac OS X (10.6-10.8)
Service and Warranty Information	
Limited Warranty Term	1 year limited parts / 90days labor
Accessories	
Supplied Accessories	Rechargeable Battery Pack (NP-BX1) AC Adaptor (AC-UB10C) Multi USB cable Shoulder Strap Lens Cap Instruction Manual

1. Records in 29 minute segments  
2. Requires HDTV and HDMI cable sold separately

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